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Social engineering attacks test Laboratory cybersecurity

By Don Johnston

NEWSLINE STAFF WRITER

Auditors using computer hacker techniques have begun to test Laboratory cybersecurity by seeking personal information from employees that could be used to access unclassified computer systems.

“Employees need to be aware that they may be

contacted by phone, fax or e-mail and asked for personal and computer security information,” said Bill Cleveland of LLNL’s Security Awareness for Employees (SAFE) program. “Employees should always be concerned about people they don’t know asking for personal information about their computer system.”

Cleveland says it’s important to test the Lab’s ability to resist attacks by hackers using “social

engineering” techniques because these are the tools hackers use in attacks on the Laboratory and other organizations.

He also says it’s important to be wary because it’s very difficult to tell if an attack is real or a test. “We need to assume attacks are real.”

Auditors may identify themselves as DOE

See **CYBERSECURITY**, page 8

Congressional update



MICHAEL ANTHONY/TID

From left to right: Director Bruce Tarter, Representative Duncan Hunter, R-San Diego, Claude Hutchison, Republican candidate for the 10th Congressional District, and Ron Cochran, Lab executive officer, tour the National Ignition Facility(NIF) construction site. Hunter, a member of the House Armed Services Committee and chair of the Strategic Forces Subcommittee, was briefed on Lab defense programs and progress on the NIF laser project.

Beryllium surveillance effort offers health screening to former DOE employees

A voluntary Beryllium Medical Surveillance Program for former employees of the Department of Energy, including the Laboratory, will be conducted by the Oak Ridge Institute for Science and Education, in cooperation with the Lab’s Health Services Department.

The surveillance program is designed to perform health screening for former DOE contractor employees, including those previously employed by LLNL, who may have been exposed to beryllium dust or fumes during their employment. The surveillance program was initiated and funded by DOE to detect possible long-term health effects of exposure to beryllium and beryllium alloys workers may have encountered while employed at LLNL or another DOE facility.

LLNL’s Health Services Department is working with the Oak Ridge Institute for Science and Education (ORISE) to provide the medical facility, Bldg. 663, as a convenient site for former workers living in the area to be tested and receive counseling. Former employees not located in the Livermore area will be scheduled at locations more convenient to their residence.

Participation in this program is entirely voluntary. DOE will pay for all medical costs of the program including any necessary follow-up medical testing.

See **BERYLLIUM**, page 8

Students hear science straight talk from Teller

By Ali Carrigan

NEWSLINE STAFF WRITER

Even at the age of 92, Lab Director Emeritus Edward Teller likes to keep people on their toes.

Teller addressed a group of 30 students who are at the Lab as participants in the annual Undergraduate Summer Institute, and he opened the question-and-answer session with some remarks about the weather.

“There is something I want to address,” he said, as every student in the room sat on the edge of their seat, waiting for the revelation. “The field of weather prediction.”

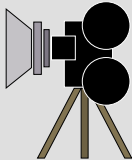


MARCIA JOHNSON/TID

Edward Teller had provocative questions for students to ponder.

Teller television feature

CBS *Sunday Morning* on channel 5 (KPIX) will feature Edward Teller at 7 a.m. Sunday, Aug. 20.



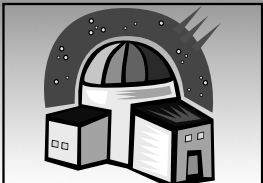
Watch for a special ISM insert in *Newsline* next week.



Ironman steeled for Hawaii
— Page 3



Celebrating diversity
— Page 5



Lift off for science center
— Page 5



LAB COMMUNITY NEWS

Weekly Calendar

Technical Meeting Calendar, page 4

Friday
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Summer students are invited to hear Rosemary Walling discuss PEREGRINE at 10 a.m. today in the Bldg. 361 auditorium. PEREGRINE combines

state-of-the-art Monte Carlo radiation transport techniques and comprehensive nuclear and atomic databases to produce the highest accuracy 3D dose calculations for all forms of radiation therapy. Contact: Dolores Lambert, 4-6783.

Tuesday
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“Options for Paying for Long-Term Care (Home Care and/or Nursing Home Care)” will be addressed by Robbie

Smith, elder care specialist for CONCERN, the Lab’s external Employee Assistance Program, from noon to 1:30 p.m. in the Bldg. 123 auditorium, conference room A. Topics for discussion will include options for paying for long-term care, the need for preplanning to use personal assets most effectively, and what Medicare does and does not cover. Family members of Lab/SLO employees are welcome and do not need badges. This talk is sponsored by Health Services Elder Care Support Group. Contact: Marnette Yeager, 2-1217.

...

For a lunchtime change of pace, check out **Microcentury Toastmasters’ semi-annual speech contest** at noon in the Bldg. 361 auditorium. All employees are invited. Speakers from the club will compete in two contests. In the first, for top honors as humorous speakers, and in the second, to effectively and constructively offer comments and suggestions for improvement on a selected speech. Microcentury Toastmasters currently has 21 members who meet weekly to refine their speaking skills in a constructive, supportive, friendly environment. Contact Detlev Tiszauer, 2-9962.

Thursday
24

Summer students, if you missed the first **brown-bag lunch with Director Emeritus Edward Teller**, you have one more

chance on Thursday, Aug. 24. There are still 20 spots available for summer students who did not participate in the June lunch. Register online at <http://education.llnl.gov/sbb>. Contact: Barry Goldman, 2-5177 or goldman1@llnl.gov.

UP
&
COMING

Retired LLNL physicist Camille Minichino will be at Whitestone Books in Livermore at 7 p.m. Saturday, Aug. 26, to promote and sign her new

book, “The Beryllium Murder.” This is the fourth in her mystery series and is preceded by “The Lithium Murder,” “The Hydrogen Murder” and “The Helium Murder.” Whitestone Books is located in Livermore at 2145 First Street. Contact: Whitestone Books, 443-5600.

Lesson in nuclear physics



MARCIA JOHNSON/TID

Students in this year’s Undergraduate Summer Institute got a much better idea last week about the size of the World War II atomic bombs, “Fat Man” and “Little Boy,” thanks to the replicas pictured above, as part of a lecture on weapons physics and the Lab’s current role in ensuring that the nation’s nuclear weapons remain safe, secure and reliable. During the two-week institute, the students were introduced to the Laboratory and the work that is done here through a series of daily lectures offered by Lab scientists. *See related article on page 1.*

Family badge request form now available online

Life just got a little simpler, courtesy of the Westgate Badge office. The Family Guest Visit request form was recently put online, meaning employees can download them and fill out the requests in the comfort of their offices.

“This is the last form of ours to go online,” badge office administrator Debbie Cameron said. “The new feature we’ve added is the electronic signature, and we’re encouraging people to get set up for that.”

The electronic signature feature has recently become more cost effective and is being used to modernize badge requests. While the Family Guest form is currently the only one with the electronic signature, badge office staff hope to have the rest of the forms equipped with the capability in the near future.

“Before, a majority of people would download the form, print it out, sign it and fax it to us,” said technical coordinator Nancy Curry. “Now, they don’t have to do that — they can just e-mail it back.”

But to do so requires some specialized software — Netscape version 4.6, Informed Filler version 2.6 and Entrust version 4.0. According to Curry, most employees have both Netscape and Informed Filler, even if they aren’t aware of it.

“We do most of our business on Netscape and with Informed Filler, so most Lab computers have

it,” she said. “The component a lot of people don’t have yet is Entrust, which allows them to digitally sign a document.”

Any of the three programs can be downloaded from the Lab Website at <http://eticket.llnl.gov/esd-server.html>. There are also Web pages with instructions on how to install the programs and use them.

“There aren’t too many people who already have all three programs, but they can be downloaded and activated easily,” Cameron said.

The badge office is encouraging use of the electronic forms for several reasons.

“This makes it easier to keep track of the forms,” Curry said of the program. “We can see how many times people have requested badges, or if it gets lost, we can simply ask them to re-send it.”

Since badge office protocol requires request forms be typed instead of handwritten, Curry noted that Informed Filler is an easy way to avoid the typewriter.

“It’s easier for us to deal with, and it is easier for employees, once they get set up,” Curry said. “We’re moving forward to give new benefits to our customers.”

Newsline

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Stamp out breast cancer



Breast cancer postage stamps are available at the Lab Store.

Buy 20 stamps for \$8, and \$1.40 goes to breast cancer research.



AROUND THE LAB

Lab’s Freeman earns trip to Hawaiian Ironman race

By Ali Carrigan
NEWSLINE STAFF WRITER

Lon Freeman has earned a trip to Hawaii, but he had to go to great lengths to do it. Freeman, a budget analyst in the Controller’s Organization, finished seventh in the 25-29 age group at the Ironman USA triathlon at Lake Placid, New York, to qualify for the Ironman Hawaii race in October. “I was thrilled just to qualify,” Freeman said of his finish. “In a race this long, anything can happen, so it’s always a bonus when everything goes just right and you qualify.” The Ironman triathlon is designed to challenge even the most stoic athletes. It begins with a 2.4-mile swim, continues with a 112-mile bike ride, and finishes with a 26.2-mile marathon. “The race began with the swim in Mirror Lake, followed by the bike ride in the Adirondack Mountains, and ended with the marathon in and around Lake Placid,” Freeman said as he described the race. It took Freeman just nine hours and 54 minutes to complete the entire race, earning him the seventh place finish out of 184 athletes in his age group. The top nine in his age group qualify for the Ironman Hawaii race. Freeman also finished 40th overall, beating 1,456 other competitors to the finish line. “Swimming is probably my least favorite event, because starting an open water swim with 1,500 other people can get pretty rough,” Freeman said. He also explained that the Hawaiian race is made up of the same distances, but “with more heat and humidity, it’s more difficult.” Freeman, who said his favorite leg of the race is the marathon, began competing in triathlons in 1996 after developing tendonitis.



Triathlete Lon Freeman crosses the finish line after completing the Ironman USA competition.

“I got tendonitis in the 100th Boston Marathon in April, 1996, and so I took up swim-

ming and cycling to stay in shape” he explained. “That summer, I did a few short triathlons (a one-mile swim, 25-mile bike ride, and a 10-kilometer run) and got hooked by the sport.” Since that time, Freeman has qualified for the Hawaii Ironman twice, in 1997 and 1998. He finished “in the middle of the pack” in both races, mainly because of inexperience. “I’m hoping to do better than I’ve done in the past,” Freeman said. “But since it’s an international competition, my chances of placing are slim. The competition is pretty stiff.” Freeman does not plan to compete in any other events before going to Hawaii, but he is continuing his training regimen to stay in shape. “I typically swim six to nine miles a week, bike between 200 and 300 miles, and run 20 to 45 miles every week,” said Freeman of his schedule, noting that he devotes only 25 hours a week to his athletic pursuits. Prior to a race, Freeman does not alter his eating habits drastically. “I pretty much eat the same way I do normally,” he said. “But depending on body type and weather, a triathlete can burn anywhere from 6,000 to 10,000 calories during a race.” To compensate, Freeman said he is careful to get plenty of sleep before a race, as that can make or break a race. And what does he do while he’s pedaling 112 miles? “The race actually goes by really fast — you don’t realize it,” he said. “I watch the other people around me while I’m biking and running. It makes you less bored.” No one can accuse Freeman on having a boring hobby, which is what he calls his endeavors. “It’s a full-time hobby,” Freeman said of triathlon competition. “I’m going to enjoy the excitement and experience of the race, and hopefully, I’ll get to the finish line pretty fast too.”

STUDENTS

Continued from page 1

A few eyebrows were raised. But Teller went on to tie weather prediction into the computer revolution that is sweeping the world. “Years ago, you could reliably predict the weather for two days,” Teller said, holding up two fingers. “Now, with computers, you can predict it for five days. The point is this: we don’t fully understand the capabilities of our computers yet.” Teller also mentioned biology and biotechnology as some of the most important scientific fields of the future. “These four letters that make up a DNA chain are the same for you, a pine tree and bacteria,” he said. “You are like nothing else in the whole living world, but the point is you are really like everything else.” After Teller concluded his introductory remarks, several of the students asked questions, ranging from scientific to personal in nature. One student asked Teller about his views on mixing science and politics. “Science in every form should be encouraged. But I do not think that scientists should do politics,” Teller answered. “If you ask me about politics, I will answer you as a citizen.” The student questioned him further, asking if politicians should ask about science. Teller responded, “No. They should be told about science.” Teller also aired his views on democracy, saying, “I think democracy is a wonderful thing, because it permits you to make mistakes. With that in mind, it is your solemn duty to work carefully so as to minimize mistakes.” One of the female students in the auditorium asked if women in science should be given special consideration to boost their numbers in the scientific community. Teller responded with an attitude of “the more, the better.” “Since women, in connection with the family,

“*Democracy is a wonderful thing, because it permits you to make mistakes. With that in mind, it is your solemn duty to work carefully so as to minimize mistakes.*”
— Edward Teller

have very important duties, it is understandable that fewer women go into science,” Teller said. “But women who want to...should be given every opportunity.” Other students asked Teller about the role of the national labs in 20 years, and about his involvement in the Manhattan Project, which produced the first atom bombs. “Leo Szilard was a very clever man. He knew everything. But he didn’t know how to drive a car, and I did,” Teller said as the audience laughed. “So I drove him out to Manhattan one day. That was the start of the Manhattan Project.” Teller ended the session by raising a question for the students to ponder. “If God is eternal and omnipresent, how does that square with relativity?” he asked. “And here, I stop, because I don’t understand.” Teller’s wit and personality, coupled with his extensive knowledge, amazed the students. “He’s really cool, and a really sharp guy,” Ronalee Lo said. “He tells you what he thinks, and he doesn’t

sugar coat anything.” Lo is a senior engineering major at Harvey Mudd College. She worked with two other students on a data acquisition project during the institute, and enjoyed the institute immensely. “It was great that there were a bunch of different programs to attend, and there were also social activities for our group outside of work,” said Lo of her experience. LLNL sponsors the Undergraduate Institute for two weeks every summer to give college students the opportunity to gain hands-on experience in several fields, as well as allowing them the chance to work with renowned scientists and engineers. The Institute hosted 28 students this year from across the nation. Rebecca Boudreaux, a polymer science major at the University of Southern Mississippi, said she gained valuable experience from her time at the institute. “I loved learning about the many aspects of the Lab that are in one place, especially biotechnology,” Boudreaux said. “I also enjoyed hiking around Yosemite — it was fun to spend the day with a bunch of scientists outside the lab.” Kyle Baughman echoed Boudreaux’s sentiment. “The availability of a wide spectrum of opportunities was great,” said Baughman, a chemistry major at Arizona State University. “At most institutions, you’d have to go to each department separately to do integrated work. Here, they’ve been brought together already.” The Undergraduate Institute ends today, but most of the students said they were interested in coming back in the future. “I’m not sure where I’ll be in the fall, but I’m definitely not ruling a job at the Lab out,” Lo said. Boudreaux seconded that statement. “I’ll be starting graduate school in a year,” she said. “But I’d definitely like to get a job here next summer before I go.”



NEWS YOU CAN USE

BRIEFLY

Prepare for site security inspection

LLNL’s annual comprehensive site security inspection begins Monday and will continue through Wednesday, August 30.

During those eight days, an 18-person team from DOE’s Office of Security Evaluations, referred to as OA-10, will circulate through LLNL. They will visit various areas and check to ensure that LLNL is in compliance with DOE security requirements.

To help Laboratory organizations prepare, an Official Use Only security self-assessment checklist has been sent to associate directors and to Safeguards & Security contacts throughout the Laboratory.

Inspectors might visit employees in their

workplaces and question them about security. Employees can prepare by making sure security procedures are up to date, by reviewing the 2000 Security Refresher Briefing, and by attending an information security (INFOSEC) briefing if departments schedule employees to see the videotaped briefing before or during the inspection period.

Employees may contact their department security representatives with any questions. If you don’t know who your department security representative is, call Dick Van Slyke, Safeguards & Security’s Physical, Technical and Program Support Division leader, 3-8792.

Nuclear cooperation seminar

The Center for Global Security Research is hosting a seminar about “Nuclear Cooperation for Nonproliferation and Regional Security in Northeast Asia,” by Seung-Cheol Lim, deputy director at the Ministry of Science and Technology, Republic of

Korea.

The seminar will take place on Thursday, Aug. 24, at 9:30 a.m., in Bldg. 132 South, Summit Room, room 1784.

Lim has been a participating guest at the Center for Global Security Research for the past two years. For more information, contact Tami Alberto, 2-5969.

Security Refresher Briefing deadline

Have you taken the 2000 Security Refresher Briefing quiz online yet? The Sept. 29 deadline is rapidly approaching.

All LLNL employees and contractors must read the briefing, take the quiz at the end and submit a verification to the Safeguards & Security Department before Friday, Sept. 29.

The briefing is available on the Grapevine Intranet (<http://www-r.llnl.gov/>). There is a link to the briefing at the bottom of the home page.

INTERNAL TRANSFER OPPORTUNITIES

Requisition	Classification	Title	Organization
700	105.2	Administrator	Human Resources
782	200	Program leader	Chemistry & Materials Science
746	220	Post doc research staff member	Laser Programs
56	230	Environmental scientist	Environmental Protection Department
715	249	Engineer	Electronics Engineering
750	270	Physicist	Earth and Environmental Sciences
220	270	Associate program leader	Laser Programs
757	405.3	Administrative specialist III	Procurement & Materiel Department
201	405.3	Administrative specialist III	Environmental Protection Department
569	434.3	Principal info. systems assistant	Plant Engineering

Now we can recycle . .

Recycle those old phone books

Employees will receive the new Laboratory 2000/2001 phone directories over the next week via Lab mail. Old phone books may be recycled in the We-cycle Office Wastepaper (WOW) recycling boxes by removing the plastic spine.

For more information about LLNL waste reduction efforts, call the EARTH hotline, 3-2784.

Technical Meeting Calendar

Friday

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MATERIALS SCIENCE & TECHNOLOGY

“All You Want to Know About 3w Damage in Fused Silica Optics, But.....,” by Joe Wong, 3:30 p.m., Bldg. 235, room 1090 (uncleared area). Coffee and cookies will be served at 3:20 p.m. Contact: Thomas E. Felter, 2-8012.

Tuesday

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INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

“Using the Forte Developer Performance Tools,” by Marty Itzkowitz, Sun Microsystems, Inc., 10 a.m., Bldg. 451, room 1025 (uncleared area). Contacts: Bronis de Supinski, 2-1062, or Leslie Bills, 3-8927. For more information, see <http://www.llnl.gov/casc/calendar.shtml>.

Wednesday

23

A DIVISION SEMINAR

“The Mechanical Response of Uranium and U-Nb Alloys: Experiments, Constitutive Modeling and Validation Testing,” by Rusty Gray, LANL, 2:30 p.m., Bldg. 111, Poseidon Room (room 114). Contacts: Alan Wan, 3-3342, or Jim Belak, 2-6061.

Thursday

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TECHNICAL INFORMATION DEPARTMENT

LLNL Intradoc Users Group. 9 to 11:45 a.m., Bldg. 543 auditorium (uncleared area).Contact: John Schuster, 4-2624 or schuster@llnl.gov.

BIOLOGY & BIOTECHNOLOGY RESEARCH

“NMR Solution Structure of the pHP-C8-dG Adduct in an 11mer DNA Duplex Sequence,” by Monique Cosman, LLNL. 10:30 a.m., Bldg. 361, room 1155 (uncleared area). Contact: Sue DeWitt, 3-6290.

SANDIA NATIONAL LABORATORY

“Disorientations in Different Types of Dislocation Boundaries: Formation and Spatial Correlations,” by Wolfgang D. Pantleon, Risˆ National Laboratory, Roskilde, Denmark. 10 a.m., Sandia National Lab, Bldg. 940 IMTL auditorium (uncleared area) Contact: Darcy Hughes, 294-2686 or darcyhu@sandia.gov

Monday

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INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

“Cracking Multi-Representation Modeling,” by Paul Reynolds, University of Virginia. 10 a.m., Bldg. 451, room 1025 (uncleared area). Contacts: Bronis de Supinski, 2-1062, or Leslie Bills, 3-8927. For more information see

<http://www.llnl.gov/casc/calendar.shtml>

Tuesday

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PHYSICS & ADVANCED TECHNOLOGIES

“D0 — D0bar Mixing at CLEO,” by Craig Prescott, University of Florida, Department of Physics. 1:30 p.m., Bldg. 211, room 227 (uncleared area). Contact: Eugene Brooks, 3-7341, or Pat Smith, 2-0920.

INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS

“Theoretical Modeling of HII regions and Warm Infrared Galaxies,” by Lisa Kewley, Mount Stromlo Observatory. Noon, Bldg. 319, room 205 (open area). Contact: Joanna Allen, 3-0621, or <http://www.llnl.gov/urp/IGPP/SemCalendar/IGPPSemCal.html>

Wednesday

30

TARGET IGNITION PHYSICS

“Interiors and Evolution of Giant Planets (Solar and Extrasolar),” by William B. Hubbard, Lunar and Planetary Laboratory, University of Arizona. 10 a.m. (coffee, cookies, 9:45 a.m.) Bldg. 219, room 163 (open area). Contact: Melissa Ramirez, 3-2559.

Next deadline: Wednesday, Aug. 23.



Chabot Observatory opens with community support

By Ali Carrigan
NEWSLINE STAFF WRITER

Designers of Oakland’s new Chabot Space and Science Center (CSSC) may have been starry-eyed, but they kept their feet on the ground, too.

The state-of-the-art CSSC will open on Saturday, Aug. 19 in the Oakland hills. Once an antique observatory, the new center and its programs have received hearty support from the Oakland community, including several Lab employees.

“The center is much bigger than I had originally imagined,” scientist Claire Max said. Max, formerly the director of University Relations, now works in the Institute of Geophysics and Planetary Physics and is also on the board of directors at CSSC.

“On the one hand, the people there are truly visionary,” she said of the center’s designers. “On the other hand, they’re very involved with the Oakland schools, so they’ve kept their feet on the ground and remembered who their audience is.”

The Oakland School District, one of the partners in the CSSC, is deeply involved with bringing its students and teachers to the center.

“They’ve had ties to some after-school programs in Oakland,” Max said. “They would bring the materials to the kids, so that the kids could still do science, even if they couldn’t come to the observatory.”

Doing science is something that the Lab knows all about, and Max stressed the opportunity for Lab employees to become involved at the observatory.

“The Lab as an institution is already involved, but we’re hoping people will get involved individually, because we have a lot of bright people who tend to be interested in that,” Max said. “They’ve finished with

the physical part of the building, but they’re still working on the programs — it’s a very ambitious place.”

Part of that ambition is realized in the center’s unique volunteer program. According to Max, the CSSC has a great need for volunteer help, whether that is in the form of “taking tickets or working on a telescope project.

“They give you a uniform, training, and some social structure, and you volunteer when you can,” she said. “There’s room for all sorts of people from the Lab, working in the gift shop or planning a new show for the planetarium.” Since the center is now five times as big as the old observatory, the number of full-time and volunteer employees needed to staff the facility skyrocketed. Part of the reason for the huge expansion is explained in the observatory’s motto, “Science Through Astronomy.”

“They wanted to get at the bigger picture of science by looking at one small part of it — astronomy,” Max said.

Other Lab employees have been involved with the CSSC in the past, and hope to continue their work at the new facility. Tina Back, a physicist at the Lab, worked with CSSC, Community Resources for Science and East Bay schoolteachers to create Techbridge — a program designed to “get and keep girls involved in science and technology.

“There are three facets the Techbridge program brings together — teachers, families, and scientists who can serve as mentors or role models,” Back said. Techbridge was conceived approximately a year ago by CSSC in collaboration with teachers, counselors, and working scientists. Back helped develop ways to incorporate scientists into the program. The program recently received three years of funding in the form of a National Science Foundation grant, and will be able to

reach more students as a direct result.

“Basically, this serves as a bridge between girls in school and careers in science, for girls who may not be exposed to these possibilities otherwise,” Back said. “We want to show them what science and technology is, and how exciting it is.”

Back noted that it is often incredibly difficult to re-interest students in science once they have lost that interest. The program is aimed at keeping curiosity levels high.

“We want to encourage girls to ask questions, to be curious and to get involved,” Back said. “You want them to find the answer to a question, not just fill out a multiple choice sheet.”

Designers of the CSSC made it clear during a demonstration of the planetarium that the center is for teachers to use as a resource in teaching science.

“It’s very kid-friendly and they’re focusing on having field trips and classes,” Back said as she previewed the new center. “There are a lot of great programs running in conjunction with the center, and Techbridge is just one of them.”

But both Max and Back stressed the importance of support from the communities around the new center. Lab employees interested in finding out more about the CSSC and its mission can read up on the Website at <http://www.chabotspace.org>. The Techbridge program is also in need of volunteers, and interested employees can contact Tina Back at 2-6322 or back2@llnl.gov.

“We want men and women who are willing to go out and talk to some of the school groups, and also willing to open up their offices and labs to students,” Back said. “We want girls to come and see an optics lab or a computer visualization lab at LLNL and get excited about science. That’s the goal.”



Diversity's Day on the Green



Photos by Ali Carrigan

Lab employees Kerwin Falls and Tommy Smith (left photo) were part of the crowd of over a thousand that attended the festivities. Coordinator Lorie Valle called the day a success, saying it “accurately demonstrated the diversity that is supported at the Lab.”

The second annual Diversity Day on the Green was highlighted by a number of ethnic performances, including the Bomani Drum and Dance Ensemble from Africa (top left) and the Xiuhcoatl Aztec Dance Assembly (center and top right). Patrons, such as Wayne Nelson of Finance (bottom right), were able to sample a variety of ethnic foods and examine booths representing cultures from all over the world.





Check out the Employee Ads Web Services site at:
<https://www-ais.llnl.gov/newsline/ads/>

AUTOMOBILES

1998 - Honda Civic EX coupe, dk green, 5 sp, ABS, alarm, CD, sun/moon rf, exc. cond. 43K, \$13,500, moving - must sell. 925-485-3734

1991 - Plym. Voyager Van (150K miles), AM/FM cassette, A/C, Automatic, New trans. Grey w/tinted windows, runs great! \$2,700.00 925-449-1633

1996 - Honda Accord EX, 4dr, 5sp, dark green, excellent condition. \$10,300. OBO 209-836-5431

1987 - Buick LeSabre, 160K Miles Smogged AC,AT,Radio/Cassette,Power Steering/Brakes Lt.Blue, some rust on trunk lid \$1500/OBO 925-803-1191

1989 - Toyota Celica Convertible. Fully loaded, AC, Alarm, Power everything. Red with new black top. New stereo and CD. 97K. Asking \$5800. 925-833-0448

1992 - Dodge Grand Caravan. Good condition. \$4,000 or best offer 925-606-9974

1993 - Pontiac Grand Am, good condition, 5 disc CD, power locks, alarm, bib, 5 speed. Call after 5. 209-823-4493

1998 - Jetta GLX, V6, Leather Interior Heated Seats, Bose Stereo System CD Changer, 32,700 miles Very Well Maintained & Loved!! \$22,000 FIRM! 925-245-1972

1989 - Cadillac Fleetwood,134K, LTHR, AC(3yrs), CC, PS, PL, PW, Power seats, Tilt wheel, new rear shocks, new brakes, \$4,200.00, OBO. 925-449-4056

1967 - Dodge Dart GT, 225 Slant 6, power steering, runs good, looks ok, could use minor body work to rear qtr. \$1250/obo. 510-769-0887

1991 - Ford Escort Wagon, 95K miles, good condition. \$2900 OBRO. 925-606-6436

1992 - Mazda 929 - Fully equipped, leather interior, immaculate condition, single owner. 925-447-1619

1993 - BMW 318i, fully loaded, 97K miles, excellent condition. Custom wheels and tires, sun-roof, tinted windows, 6 cd changer. \$10,500.00 (obo) 925-606-4363

1997 - Nissan Altima GXE; 2.4L-4cyl engine; 4 spd auto; power steering, windows, brakes; stereo cassette; A/C; cruise control. \$9000 925-455-0986

1996 - GMC Suburban 4x4 fully loaded. Power locks, windows, running boards,tow package, rear air, third seat, leather, new tires, 65K mi. \$24,000. 925-443-5552

1988 - Jeep Cherokee Laredo, 6-cyl., 4.0L, auto, 4WD, AC, PS, tilt, cruise, CD, rack, tow, alloy. Good condition. Asking \$4500 925-831-9822

1997 - Blk. Honda Civic EX. 2 door, 5 spd., fully loaded, all power, alloy wheels, lowered, custom CD,excell. cond \$9,800 OBO 925-606-5488

1963 - Mercury Comet Stationwagon. Good for parts. \$200 obo 925-706-2337

1996 - Chrystler TWN Country Van LXI, Excellent Cond. 100k Hwy miles . 15k OBO. (Bus. Ph#) Ask for Pam 209-832-3252

1989 - Dodge Dakota SE, Extra

Long Bed w/Liner & Utility Box, A/T, A/C, P/S. \$3,200 OBO 925-513-4743

AUTOMOBILE ACCESSORIES

14 IN. WHEELS, Nissan-fit other 6 bolt pickups-w tires. 4 for \$16, OBO. AND 175/75R14 good used TIRES fit many cars 2 for \$20, all 4 for \$30 925-447-7070

Snap-On tool box for full size truck. \$200/obo 925-413-5716

69+70 chevy truck parts both grills,body moulding and more call after 5:30 pm (209) 531-1993 209-531-1993

BICYCLES

Old Schwinn sting ray bike frame/fork/misc parts \$35, 24 inch diamond back mtn bike \$150, 26 inch diamond back ascent mtn bike \$85 925-449-0388

56cm Conondale CAD3, DuraAce, \$800 OBO, 56cm Canondale Criterium, Campy, \$600 OBO, Peugeot 56cm Reynolds 531, \$150 925-516-1424

FELT 56cm frame/Kestrel carbon fork plus headset and stem \$750.00. Call after 6pm 209-239-4457 209-239-4457

BOATS

19.5 ft., Marlin, new chevy 350, i.o. tandem axel trailer, lots of new stuff. 4500.00 b/o. 209-532-5224

14ft. Gregor - New 25 HP Nissan, bass seats, trolling motor on nice trailer. \$2200.00 OBO 925-625-9198

1974 Hobie Cat 14 ft \$300 or B/O 925-443-6096

ELECTRONIC EQUIPMENT

Xerox Copier, Model 5310. Serial Number 0011221. Needs toner. \$50.00 925-443-1673

2 Each Mac Quadra 660AV complete with one 15in AV monitor and one 17in monitor. Lots of software. Comes with Epson E600 printer. \$450 takes all. 209-545-2688

SONY Stereo components: cassette deck, CD player-5, turntable system, FM-AM tuner, amplifier, speakers, w remote, \$200, call eves, 925-443-3621

GIVEAWAY

Free Weber Gas Grille. Very used but still works! Propane tank and cover included. Call after 5 pm. 925-443-1673

spa needs some work (209) 531-1993 209-531-1993

HOUSEHOLD

Refrigerator General Electric, dark brown, year unknown, freezer on top, clean and works. \$125.00. 925-44-0430 after 4:30pm 925-449-0430

Bedroom Set:Mahogany wood, three pieces. Queen four poster bed (w/o mattress), dresser and night stand. 2 yrs old. \$1450 obo. 925-455-6164

REFRIGERATOR Large Wards side by side, approx. 24 cubic ft. In great working condition. Does not have water and ice in door. \$300 209-832-8723

L Shaped floral sofa. Two sec-

tions. Good condition. \$125.00 925-455-5693

Bedroom set, girls, white with magenta trim. Bed, mattress, dresser, desk, chair and night-stand. \$550. 925-947-6630

Oak Hide-A-Bed Brand new Twin Mattress w/Bedding Excellent Cond. \$350 925-426-6746

Baby/Toddler items, excl cond: Mattress (crib/toddler bed) \$55, snugli \$10, monitor \$15, umbr. stroller \$15, seat \$5, toys: kitchen \$15, airport \$3. 925-484-4191

Oak CD/Video Holder, swivels, \$15. 925-373-7658

Couch,loveseat, cream, blue, mauve. Great condition, \$150/pair. Oak CD,stereo,video cabinet, 76Hx30Wx16Deep, glass doors w/cabinet bottom,\$50. 925-373-7658

Twin Bed: mattress, box spring, frame, headboard. In excellent condition. \$125. Call 925-447-5125

Kenmore, stand up freezer, 19.6 cu ft. excellent condition. \$100 obo. 925-373-1530

Oleanders 1gal, 1 to 2 feet tall, \$2.50 ea., 4 inch pots and 16 oz cups, 10 to 15 inch tall, \$1.50 ea. 925-447-6192

Large solid oak entertainment center \$100/obo 925-413-5716

SHARP Microwave/Convection oven, model R-930AK with turntable. Barely used, 1999 model. 25 in. (W) x 15 in. (H) x 20 in. (D) \$150 or b/o. 925-443-1969

For sale: Broyhill dining set, table, and 6 chairs. Chine set. Like new. \$1300 925-443-1039

Sofa-Green/gold 88in \$250;coordinated armchair \$100;3 white/gold Inochinese rugs 8ft3in x 11ft8in \$200;4ft8in x 2ft3in \$60 ea. All like new 925-447-9969

Hideabed sofa, fullsize, tan/biege, \$200 woodtone kitchen table 42 inch round w/leaf and 4/black swival chairs \$100, 7-drawer wood desk 22x52, \$200 925-447-8613

Gibson 23 Cubit ft. Freezer Works Great! Asking \$175.00 925-679-0441

GE Spacemaker Drop in Electric Range & Oven 27 inches wide. \$100.00 925-373-1089

LOST & FOUND

Lost car Keys S. Cafe on 8/7/00 Honda and Chevy Keys with black auto alarm and lock holder attached. Lots of other keys on the ring. 209-239-4083

MISCELLANEOUS

FOLDING BABY CARRIAGE-with Canopy, Blue, sturdy, goes in a trunk, only \$20. And Umbrella Stroller \$6 925-447-7070

Want Livermore history? Old iron and wood stair cart from independent warehouse, Livermore, 1920'1s, \$100. 925-447-0428

Garage Sale...Saturday, August 26th. 8:00AM until ? Too much stuff to list...20 E. 12th St., Tracy 209-835-3370

Playschool basketball hoop, adjustable, sand base. Like new. \$20.00 925-447-8291

Garage Sale.. SAT., Aug.19th... 7am-7pm...5369 Lilac Ave. Livermore.. 925-447-5369

ANTIQUES: oak commode need refinishing \$65, Oak office chair \$55, Twinn brass bed \$75 925-449-0388

Radial Arm Saw: Craftsman 10 inch. In excellent condition, with stand and casters, extra blades. \$150. Call 925-447-5125. 925-447-5125

Red Bricks: clean, about 300 available. Some larger size bricks also vailable. 10 cents each. 925-447-5125

Golf Cart, electric. Harley Daivdson. Needs batteries and one flat tire. Three wheels. \$100.00 209-892-6186

Agapanthus 4 inch pots and 16 oz cups \$1.50 ea., 2 liter container \$2 ea., 6 inch and 1 gal pots \$2.50 ea. 925-447-6192

Retired Beanie Babies. \$5 each. 925-449-7564

Moving/Ranch sale:Many items-household and shop tools; file cabinets, desks, dining table and chairs; chain saw, weed eaters. 925-455-1183

Toaster Oven \$25, 28 inch sq. end table w/2 drawers \$25, Samsonite 24 inch hard size suitcase \$35, wood/glass lamp \$30 925-447-8613

Square Dance attire for sale. Dresses, petticoats, pettipants, size large. Some hardly ever used. Call evenings, in Manteca. Can bring to lab. 209-825-5489

Garage Sale, 8/19, 8:00-4:00. 2792 Kennedy Street, Livermore. Clothes, household, furniture, etc. 925-447-5873

Pokemon cards for sale. Various editions and types. 925-443-1855

Clint Black - Wente Vinyard Concert & Buffet tickets for Sept. 5th. Front row table. 4 tickets available at \$ 159 ea. 925-373-8360

Beginning Spanish? Book, dictionary, and computer program as recommended by Amparo. All for only \$75.00. 925-447-0213

Redwood lumber-New-2x6x16ft(\$1.50/lin ft) and 2x8x16ft(\$2.00/ln ft) 925-706-2337

Concord Pavilion - Four Rows from Stage to see Third Eye Blind, Nine Days & Vertical Horizon in concert Aug 26/00. 925-413-3274

MOTORCYCLES

1989 - Harley FXLR Low low mileage,original owner. Looks new and rides like new! Must see!! Asking 12,700 510-538-9824

MUSIC INSTRUMENTS

Banjo, Gibson Mastertone RB4, with case. Beautiful insturment. \$2200 firm. 925-634-2701

Casio electronic keyboard, 49 weighted keys, plays 29 tones, originally over \$600, sell for \$175. 925-447-8613

Piano, old Baby Grand, Haynes-Chicago, \$2000 call evenings 209-835-4197

WANTED: Inexpensive or reasonably priced electric guitar for my teenage son. 925-443-2954

For sale: Clarinet, Bundy - excellent condition. Great for beginning student \$325/firm. 925-443-7979

PETS & SUPPLIES

Wanted: German Shepard, M, 1-2 yrs. Classic Blk/Tan, some obedience. For companionship, no breeding. Pick up 10/00. Call after 5:00 PM 925-449-4946

Buddy needs family. Irish Wolf Hound or Giant Schaunauser mix, rescued, two years, neutered, friendly, likes kids, cats, dogs, and running. \$50.00. 925-672-4733

Reg. black and white paint filly, 17 months. loads, trims, ties, packs a saddle. major looks ,personality and breeding. 2500.00 209-532-5224

HAY: Premium oat or meadow grass hay. Fine stem, clean, 3- twine bales, barn stored in Concord. \$8.00 & \$8.75/bale. 925-933-8190

Dwarf rabbits (two) one black and one brown, each with cages. \$40 each. 925-516-1424

Have 2 arab horses, need rider. Sponsorship available \$50/mo. Near Fair Grounds in Pleasanton. Ride there or trailer to trails. 925-443-6531

Dog House - large, heavy duty. \$50/obo 925-443-4349

2 Boxers, 2 yr male, Brindle, \$100. 3 mon Male, Fawn, \$400. Father & Son. Would like them to go together. 925-449-8786

Four tier pet cage with ramps-6Hx4Wx2deep.Good for small animals. 510-532-2062

FREE: Border Collie-Male. 2 years old. Very obedient. Great tempermant. Needs good home-have too many dogs on ranch already! 925-447-6298

kittens, various types and ages, rescued, shots, neutered, dewormed, donation 925-443-7828

Male Doberman, AKC. 9 yrs old. Must give away to good home w/o children. 925-447-4897

Mated pair Colombian Red Tail Boas, 1 clutch \$500.00 OBO, Two four feet Burmese Pythons, 1 male, 1 female \$150.00 each \$250.00 for both. 209-239-1671

Handfed African Grey and Solomon Island Eclectus parrot babies. Raised in my home, well socialized, weaning soon. Ready for new homes. 925-449-7966

RECREATION EQUIPMENT

Pacific Fitness Professional Workout Center \$500 925-606-9974

Golf Cart, Harley Davidson three wheels. Needs some work. \$100.00 209-892-6186

Set Rolf Vector Pro Wheels \$550.00 call after 6pm. 209-239-4457

Cardio glide. Like new with pamphlet and exercise guide. \$60/obo. Call after 4:30. 925-606-4365

Tennis rackets: Kennex Pro and Fischer Pro Comp. Both mid-size, new Gamma TNT strings. Exc cond. \$55 & \$85 respectively. 925-838-9302

Power Rider by Dennis Auston White, nearly new. \$75.00 OBO 925-443-7729

Camper (cabover) for full size truck. Sink, stove, fridge, sleeps four. Recent paint. Good cond. Ready for camping/fishing/hunting! Must sell 250.00 209-832-3069

Due to space limitations, *Newsline* may withhold ads that have already run. They will still appear on the Web.



CLASSIFIED ADS

See Newsline at <http://www.llnl.gov/PAO/Newsstand/internal-comm.html>

Black and White Television, RCA 110 and 12 volt. Unused in original box. Ideal for cabin or RV. \$45. 925-443-1778

Golf clubs, Mizuno irons, 2-9,Pw & FW, 10 clubs, Model-Comp.EZ, S-300 sensicore shafts, brand new,\$450.00. 925-778-6878

Porta-potty, never used; \$20. 209-823-5845

HOME GYM - Prism 5600 by Formula, 13 workout activities, 3ft x7ft x7.5ft, in excelent condition. \$349 OBO. 510-538-8732

Home Gym, Professional quality. Includes bench, leg ext/curl, lat/row bar, fly machine, dip bars. \$300 925-371-6252

Skiis, Boots, Poles. Downhill (Dynamic/Nordica), Cross-Country (Fisher/Salomon), & Back Country (Karhu/Asolo). Boots sz 9. Please call for details. 925-426-0859

Stair Stepper - Diamond Back HRT1000ES, Heart rate monitor, 10 course profiles, 3 levels, full electronic control panel, \$1400/obo 925-371-5576

Precore 815e recumbent (seated) exercise bicycle. \$200 925-606-6305

Voit SCX/100 Stair-Stepper. \$25. 925-454-8827

RIDESHARING

Express your commute, call 2-RIDE for more information or visit the web site at <http://www-r.llnl.gov/tsmp/> for more information

Stockton - Relax Read Sleep Laugh your way to/from work. 2000 8-passenger van. Reclining seats, reading lights, laptop connections. 209-462-3269, ext. 2-1855

Oakland, Montclair - Montclair/580, friendly vanpool, reading lights, reclining seats. 8:15 - 5; Stops Montclair village, Lincoln/Hwy 13, Keller/Hwy 580; \$115/Mo. 510-547-4040, ext. 2-0064

Concord - Looking for ride share/van pool from Concord, work hours, pickup location all flexible. 925-243-1321, ext. 4-3571

Foot Hills area Sonora,CA - Looking for a ride from the Foot Hills area Sonora, Big Oak Flat,Moccasin to Manteca or the Lab. 209-962-5468, ext. 4-5644

Patterson - Vanpool has seats available. 7:30-4:00 work hours; take advantage of the pre-tax transportation program. \$110/mo. 209-892-2118, ext. 2-9502

Modesto - Van Pool, Modesto to LLNL, 7:00 to 3:30 shift.Call Mike 209-529-1010, ext. 3-0487

Tracy - South Tracy carpool seeking 2 non-smoker rider/drivers to complete 4-person carpool. Kirk 209-835-8065, ext. 2-5859

Modesto - 14 passenger with captain chairs & reading lights. Depart 6:50AM, arrive LLNL 7:40AM. Depart LLNL 4:40 PM, arrive Modesto 5:30PM. 209-521-9047, ext. 2-5177

San Jose & Fremont-Mission - Space is available from San Jose and Fremont-Mission areas. Work hours:7:30-4:30. Call 408-238-1909, ext. 3-3057

San Francisco - Would like to start a carpool from San Francisco. Work hours and days

are flexible. Please call , ext. 2-3020

SERVICES

Roofing, 28 years experience, fully insured 925-454-9200

Outcall Shiatsu massage, acupuncture and point pressure. Fully clothed, no oils. Very Professional. Livermore and Bay Area. Resonable rates. 510-791-8623

If you need a dog or house sitter in the Livermore/Tracy area Call 640-8291

SHARED HOUSING

Pleasanton - Room for Rent near Downtown Pleasanton. Furnished. \$475 (includes utilities)/month. Available Sept. 1, 2000. 925-846-6517

TRUCKS & TRAILERS

993 - F-150,XLT,Ford pickup,clean,5 liter engine, Gaylord Tauno cover,locking tail gate,bed liner,burglar alarm, \$10,000.00 209-835-6328

1986 - Pathfinder XL Motorhome, 28ft. 41,000 mi. Sleeps 4. Fully loaded, cruise control, roof air, microwave, cassette player. Much more. \$25,000. 209-632-5711

1995 - Dodge D akota sport club cab v6, ac, 5 spd, great cond. 40k mi. \$10,500/b.o. 209-838-3691

1992 - Dodge Dakota, Super clean, xlnt cond. V6, 71250 miles. Maintained, with records. AC, PS, PB, AM/FM/CS. KBB: \$4900 - 7800. Will sell for \$5750 925-449-5661

1984 - FORD RANGER motor, 2.3L manual trans.like new. Only 11k miles. I will even throw in the body \$500 obo 209-914-1164

1990 - Chevy 1500 extended cab V-8 148,000 mi. Power Everything - AC - New Trans. 90,000 \$6300 925-606-0480

1988 - Chevy one ton, Silverado, 4-door dually. Pwr win, door locks, cruise, tilt, AM/FM cassette premium sound. 50K miles. Exc. condition. \$11,000.00. 925-456-3010

1987 - 4runner, 4cyl,5sp,4x4,amfm,alloy wheels,~170k miles, white,clean,,new tires,good running cond,(no off road) \$4,500 or BO 209-848-0507

1996 - GMC Sierra 4 X 4. Z71. 45K miles. Leather. Power windows and door locks. Hard tonneau cover. Looks and sounds great. \$18,500 925-256-7112

1992 - Ford Ranger P/Up, XLT, 4-cyl, 2.3 Liter, 5 speed manual, 2-wheel drive, A/C, Sliding Rear Window, Shell w/tinted windows, Alloy Wheels, \$5,000. 209-545-2542

1992 - Suburban 1500,slx/ac/ra/ps/pw/pdl/tw/cc/am/fm/cd/stacker, abs, third seat,towing pkg. One owner, V8 5.7 liter, auto,4 wd, 80k miles. \$15k 925-943-6430

1985 - Prowler 22 ft. trailer, great cond. loaded., 6-8 slps, stove, sink, bath, heater/water, refrig., w/shade. \$4,000 OBO 925-778-0251

1996 - Toyota Tacoma-Xtra cab.Auto,A/C, P/S, P/B, liner, Shell, 3 disc changer, alarm, 60K, excl cond. \$11,500 209-

473-2870

98 - SHELL- Fits 94-2000 Dodge Ram Trucks (long Bed) White, Side Windows,Barely used, Like New Excellent condition.. \$625.00 OBO. 925-634-7719

1988 - S10 Blazer 4WD Auto/Overdrive, New Tires & Brakes, CD, Great Condition. \$300 below Blue Book \$5300 or Offer 925-373-0626

1995 - Ford F-150, AC, 5 sp. sliding rear window, Am-Fm cassette, Black w/ gray int. Bedliner, 49,000 miles. \$7500.00 or best offer 209-577-3739

1995 - Motorhome-like brand new; low miles, class-C, Jayco. Asking \$30,000. 925-373-9016

1985 - Ford F-250 pickup. 350 diesel with Banks power pack, bed liner, camper shell. Strong utility/towing vehicle. 112,000 miles. \$5000/OBO. 925-754-1152

1983 - Dodge B250 van conversion. 318 engine runs good. Ready for diving, camping, etc. Many extras. Asking \$2500 OBO 925-634-9587

1997 - Ford F150, super cab, 3 door, long bed w/liner, V8, AC, AT, PS, PW, \$16,500 OBO. 925-455-1250

1994 - Chevy Suburban - 3/4 ton, 4WD, 3rd Seat, Rear Air, Brand new GM Factory Motor and Transmission - both with 3 year/50,000 mile warranty \$15,500 OBO 925-935-9344

VACATION RENTALS

Tahoe City - 3 bdrm, 1-1/2 ba twnhse, all amen. Close to lake and boat launch, 2 pools, 5 tennis courts, slps 6 adults. \$250 wknd, \$550 Week 925-672-5130

MAUI-Kihei-1,2 & 3 bedroom condos. Oceanfront, big pool, lawn area, BBQ pits, tennis courts, washer/dryer in units. 925-846-8405

Eagle lake - Eagles Wings accepting resrv for Fishing, Vacation, or discovering Lassin and Plumas Counties Sept-Dec. Call 530-825-2131 or 925-447-3780

Maui, HI - Kahana Reef oceanfront 1BR/1BA condominium. Beautiful two-island view, oceanside pool, and BBQs. Low LLNL rates for year-round reservations. 925-449-0761

SOUTH LAKE TAHOE - 3 Bedroom 2 Bath Chalet, nicely furnished,quiet area , all amenities,Homeowners park with lake,etc. Great for Vacation! Hurry for Summer! 209-599-4644

Lake Tahoe Nevada - Halloween at The Ridge-Condo 10/28-11/04/00 2 bdr-slps 8, 1+ kit, 2+ w/ hot tub, pool etc. \$1300. 925-625-9198

HAENA, KAUAI - - Private house and/or studio on the scenic north coast near Hanalei Bay - great beaches, hiking, boating and golf. House-\$125/day, studio-\$75/day. 831-479-3441

Pine Crest - (Off Sonora Pass Road), 3 bdrm/2 bath w/frplc, pool table, large deck, and view up No. Fork of Tuolumne, Labor Day wknd available, \$90/night. 925-449-5513

Arnold-Hwy 4 - Large Mtn Cabin in Big Trees Village, 4 Bdrm, 3.5 Bath, Full deck, \$600/week,

\$250/wknd 925-443-5565

South Lake Tahoe - 4 BR, 2 Ba Mountain Chalet with loft. Located in prime location off Pioneer Trail. Open for renting all seasons. 209-239-9267

EAGLE LAKE 2 Vacation Rentals-World Class Trout Fishing-Dish TV-Deck-RV hookup-barbeque. 530-825-2131 or 209-543-1845

WANTED

1999 Bowling Champ Team looking for full time woman bowler for tuesday nite winter league @ Granada Bowl. League start next month. 925-426-0648

Need daycare for 3 month old girl beginning in Sept. Tues,Weds,Thurs 7:30-5:30 925-606-0755

WEIGHT MACHINE wanted, possibly with multiple stations, for my teenage son. Please call if you have one collecting dust. 209-832-8723

Your good used books are needed at the Buenas Vidas Youth Ranch Thrift Store, 116 North L Street, Livermore. Open every day! 925-449-7702

Retired lab employee?? Want to leave area, but need house sitter. Family available, one year minimum. 209-835-2416

R-U upgrading your Mac? Wanted, Imac for college student. Also looking for beige G3. 925-373-0173

Giants tickets. 925-634-5954

Wanted:German Shepard, M, 1-2 yrs old. Classic Bk/Tan. Some obedience, for companionship, no breeding. Pick up 10/00. Call after 5:00 PM 925-449-4946

Mac or PC with a printer for an elementary student.Very reasonably priced (students first computer). Call late evenings or leave message. 209-832-7112

To rent pontoon boat or party boat on Don Pedro or similiar lake for 3 day weekend in Sept. or early October 925-373-1646

To rent for one in Livermore/Pleasanton area. 2 bedroom+. Quiet cottage, double wide mobile, or other unconventional housing. 925-447-9457

Wish to hire a knowledgeable individual to install sprinklers in

an existing average size yard to cover lawn and trees/shrubs. 925-443-1855

Wanted- Person to help with yardwork, painting, auto repair, odd jobs, weekends or evenings Livermore or Pleasanton 925-447-7070

Horse sponsor for my horse. Experience required. Wildfire is a friendly chestnut 8-year old with flaxen mane and tail. 925-443-6531

49er Tickets. Would really like two tickets to see the 49ers play St.Louis, Oakland, or Kansas City. 925-296-5743

World Book Encyclopedia set. 1985 or later. 209-239-8984

Bike parts, brake levers and cables, steel frame w/ stering stem, handle bars and fork, mtn or bmx bike preferred. Will pay up to \$40. 510-657-6379

Lapidary equipment, call if you have any available. 925-447-6670

Wanted: Tuba and trumpet players for newly forming brass quintet. Rehearse in Oakland or SF. 510-836-2920

House and dogs (1 small, 1 med) sitter needed in San Ramon for 8/19 to 9/10. 925-735-7397

SEA KAYAK - single or double in good condition. Call after 6pm or leave message. 925-417-8813

Gas Dryer Whirlpool or Kenmore, White preferred 925-443-5565

Looking for unconventional rental space for one person (Inlaw unit, cottage, farmhouse, warehouse, etc.). Monthly lease preferred. 925-426-0859

Need to rent a medium to large, newer motorhome from Jan 5 through Jan 10, 2001. 925-606-0359

A Place To Stay: 8/18 & 8/19 close to the Monterey Peninsula. 925-831-1833

Wanted: Horse for lease, western pleasure. Livermore/Pleasanton area. 925-443-3093

Wanted - Grapestakes, used. Need for fence repair. 408-268-7924

Wanted: Sewing cabinet, approx. 25 in. wide by 60 in. high with fold out table. Please call 925-443-7979

Guidelines

Newsline is not responsible for any errors contained in the classified ads. It is up to the employee to proofread his or her ad to make sure it contains the correct data, including the phone number.

Employees are reminded that only car- and vanpool ads may contain Lab extensions. E-mail addresses are not allowed.

Due to space limitations, Newsline cannot run ads that are submitted in all capital letters. “Personals” ads are not permitted either.

Employees may submit one ad per category, but may not include the same ad in more than one category.

Ads may only be submitted through the Employee Ads Web Services site <https://www-ais.llnl.gov/newsline/ads/>



THE BACK PAGE

BERYLLIUM

Continued from page 1

Approximately 28,000 former LLNL workers will receive notification of this program via the mail. As a result of the large number, the process of distributing this mailing will be staggered over an extended period of time. Therefore, not all former workers will receive the mailing at the same time.

The ORISE staff requests that former employees answer the five questions on the attached return sheet. If a worker wishes to participate further in this health program, he may check the appropriate box and return a registration form in a prepaid envelope. If a former worker expresses interest in being tested they will be called within a few weeks to schedule an appointment. If the number of former workers who wish to be tested is very large, it may take a few months before an appointment can be made. Any worker who has breathing problems will be scheduled for testing as soon as possible.

The length of time to develop beryllium sensitization and chronic beryllium disease is variable and can range from months to many years after exposure. Oak Ridge intends to offer a blood-screening test (beryllium lymphocyte proliferation test) to former DOE contractor employees including LLNL to identify individuals who may be sensitized to beryllium. Sensitized individuals are offered additional medical testing to determine if they have chronic beryllium disease.

The records and test results from a former employee's participation will be considered confidential, to be used or disclosed only as provided by the Privacy Act of 1974 and the Americans with Disabilities Act or as required by law. Former workers have the option of not participating in the research component of this program by indicating that their personal information not be included in the electronic database.

"We encourage all notified workers to participate in answering the questionnaire. For anyone who suspects that he or she has been exposed to beryllium dust or fumes while working at LLNL, we encourage them to consider being tested," said Dr. Jim Seward, director of Health Services. "For anyone who does not want to participate and later develops symptoms of CBD, we encourage that person to inform his or her physician of potential beryllium exposure, or contact the ORISE office."

Of the approximately 126 current employees who have been exposed to beryllium and taken the LPT test, five have been confirmed to be sensitized. At this time, one former Lab employee is known to have been diagnosed with chronic beryllium disease.

Testing at other DOE sites has identified cases of beryllium sensitization and chronic beryllium disease in individuals who had only minimal known exposure to beryllium. These cases, from other DOE sites, have been identified in numerous job groups including quality control inspectors, engineers, clerical and secretarial positions, security officers, sheet metal workers, laboratory technicians, carpenters and janitors. Employees in jobs more closely associated with exposure to beryllium dust, such as machinists, air filter technicians and metallurgical operators appear to have the highest risk of chronic beryllium disease and sensitization.

The most common symptoms of chronic beryllium disease are excessive shortness of breath, particularly with exertion, fatigue and a dry, persistent cough. However, it is possible to have the disease and not have any symptoms. Chronic beryllium disease can be treated but not cured. If a loss of lung function is detected, treatment may involve taking corticosteroids to reduce inflammation.

For more information, former workers should call Bill Stange, Beryllium Medical Surveillance Program Project Manager, ORISE at Rocky Flats, CO, at 1-800-269-0157, ext. 8373; or Joe Furman, M.D., ORISE, ext. 2405, 7 a.m.-4 p.m. (Mountain Time), Monday through Thursday. The main ORISE number in Oak Ridge, Tenn., is (865) 576-3115, 8 a.m.-5 p.m. (Eastern Time).

Defense discussions

From left to right: Hans Mark, DoD director of Defense Research and Engineering; Jacques Gansler, Undersecretary of Defense for Acquisition, Technology and Logistics; Madelyn Creedon, NNSA Deputy Administrator for Defense Programs; Director Bruce Tarter and Michael Anastasio, AD for Defense and Nuclear Technologies. During a visit last week Gansler was briefed on Lab defense and stockpile stewardship programs.



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CYBERSECURITY

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officials, other Lab employees, security auditors or members of the press, and ask pointed questions about security protocols and computer security protections at the Laboratory.

To gain access to Lab computer systems, auditors will use "social engineering" techniques commonly used by computer hackers as well as foreign intelligence operatives. These techniques consist of persuading or tricking targeted individuals into providing personal and computer information that can be used to "break" computer security systems.

"It's much easier to break into a system if you have a user name and password," says Kevin Nauer, a computer specialist with SAFE.

Computer security specialists have learned about social engineering techniques from hackers, such as Kevin Mitnick, who have been caught. Mitnick served five years in prison for breaking into corporate computers and stealing information worth millions of dollars.

By going through dumpsters, Mitnick was able to gather names and job duties of employees inside the companies and familiarize himself with how the company operates. Armed with this insider knowledge he was able to trick unsuspecting employees into giving him information that allowed him to hack into protected networks.

Warren White, manager of the Lab's Operations Security Program (OPSEC), says hackers and other "bad guys" prey on Americans' instinctive desire to be helpful and open, particularly to those who identify themselves as colleagues.

"We're trained to be helpful and we take pride in what we do and like to talk about it," White says. "Hackers get information from easily available sources. When they approach people, they use the right buzzwords, jargon and system identifiers."

"They take one bit of information from here and another bit from somewhere else and it adds up to something significant," he says, noting that most of the intelligence gathered during World War II was "open source."

Nauer says that once hackers get through a firewall "they can navigate through inside networks" because "inside a firewall, machines trust each other."

Computer savvy hackers can use even limited knowledge of a system to identify vulnerabilities, pathways to protected information as well as key people with access, he says.

While system administrators are often primary targets because of their overall access, any employee or contractor with access to computer networks may be targeted by hackers.

Cleveland says that by making personal and job-related information easily available — through person-

Web sites for Lab security

For information about Lab security programs check the Web:

Operations Security (OPSEC),
http://sag.llnl.gov/llnl_only/opsec/
Security Awareness for Employees (SAFE),
<http://www-r.llnl.gov/safe/>
Computer Security Organization (CSO),
<http://www-r.llnl.gov/cso/>

al Web sites, for example — employees make it easier for hackers and foreign intelligence operatives to find targets for social engineering.

"The bottom line is don't give out personal or computer security information unless you are absolutely sure the person you are giving it to has a valid need to know and is approved to have the information," warns Dave Grubb of the Lab's Computer Security Organization.

Employees who believe someone is trying elicit computer security information from them should contact LLNL's Computer Security Organization at 2-4655.

In an interview with the television news show "60 Minutes" describing the social engineering techniques he used to break into corporate computer systems, Mitnick said, "the weakest link in the chain is the human element."



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